

MATANUSKA-SUSITNA BOROUGH, ALASKA

DECEMBER 2016

FEMA's Risk MAP Program helps strengthen communities by identifying actions they can take now to reduce their hazard risk, enhances local planning, improves outreach through risk communications, and increases local resilience to natural hazards. Below is an overview of some key items documented in the Risk Report.



Mat-Su can expect \$61M in building loss during a 1-percent-annual-chance flood event.

At 24.4%, the City of Houston has the highest economic loss ratio of structures in the SFHA.

Point Mackenzie has the largest total estimated building and content losses at over \$9M.



Landforms in and around Wasilla consist of undulating ridges of glacial till and flat benches of sand and gravel which may be vulnerable to landslides.



The M7.5 Scenario projects the highest total loss at \$89M. This accounts for nearly 4% of all defined facilities within the Borough.



80% of the wildland fires that the Alaska Division of Forestry respond to are within the Cities of Houston, Palmer, and Wasilla.



Modeled building and content losses were at \$323M for the M7.1 Scenario, \$550M for the M7.5 Scenario, and \$179 million for the M9.2 Scenario. For all simulations, the heaviest losses occurred in the City of Wasilla



The percentage of residents living with a disability in Mat-Su exceeds both the Alaska and national percentages, at 11.4%.



The Cities of Houston, Palmer and Wasilla have newly created Flood Insurance Rate Maps and flood depth grids.



Ten Presidential Disaster Declarations have been declared for the Borough for fires, flooding, earthquakes, and severe storms dating back to 1986.



Almost half of the residents in the Cities of Palmer and Wasilla rent their homes.



The Borough's Comprehensive Plan is strongly unique in that discussing natural hazards, natural systems, geology, and natural resource conservation are already integrated into the plan and strategies are provided for addressing hazard risk through land-use planning. The information in this Risk Report could support future updates to these sections in the Comprehensive Plan, as well as updates to hazard mitigation plans.

KEEPING THE MATANUSKA-SUSITNA BOROUGH SAFE: Your Risk MAP Timeline

